

AMENDMENTS TO THE CLAIMS

IN THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings, of claims in the subject Patent Application:

Listing of Claims:

1-17. (Canceled).

18. (Currently amended) A method of fabricating a metallized fabric comprising the steps of:

- (a) establishing a fiber matrix within a ~~high~~ vacuum space, said fiber matrix including at least one planarly extended open grid layer;
- (b) defining a flow path transversely through said open grid layer of said fiber matrix; and,
- (c) exciting a flow of metal particles along said flow path against said fiber matrix to accumulate a metallic structure to be planarly extended thereacross thereon, at least a portion of said metal particles attaching to a first portion of said fiber matrix, a second portion of said fiber matrix remaining unattached to said metal particles, said flow of metal particles being excited by a process selected from the group consisting of: gas bombarding, thermal evaporation, plasma induced, or chemical plating processes.

19. (Currently amended) The method as recited in Claim 18, wherein said metal particles includes are formed by a combination of materials including at least one metallic material selected from the group consisting of: copper, nickel, silver, or aluminum.

20. (Currently amended) The method as recited in Claim 18, wherein said ~~high~~ vacuum space is maintained under 0.1 torr.

21. (Currently amended) The method as recited in Claim 18, wherein said fiber matrix includes a plurality of said open grid layers to form a sandwich structure.

22. (Currently amended) The method as recited in Claim 18, wherein said fiber matrix is pretreated, said fiber matrix being thereby polymer sprayed, coated, and pasted to induce secure bonding of said metal particles thereon.

23. (Currently amended) The method as recited in Claim 18, wherein said fiber matrix is pretreated by chemical plating for metallization.

24. (Currently amended) The method as recited in Claim 18, wherein said fiber matrix is formed of a synthetic fiber material.

25. (Currently amended) The method as recited in Claim 18, wherein said fiber matrix is formed of a single spin material.

26. (Currently amended) The method as recited in Claim 18, wherein a plurality of said flow paths are defined.

27. (Previously presented) The method as recited in Claim 26, wherein said metal particles include at least first and second particle types, said first and second particle types being different in material composition.

28. (Currently amended) The method as recited in Claim 18, wherein said metal particles include at least first and second particle types, said first and second particle types being different in material composition.

29. (Currently amended) The method as recited in Claim 18, wherein a plurality of said metal particle layers are accumulated upon said fiber matrix.

30. (Previously presented) The method as recited in Claim 28, wherein a plurality of said metal particle layers are accumulated upon said fiber matrix, each said metal particle layer including said first and second particle types.

31. (Previously presented) The method as recited in Claim 28, wherein a plurality of said metal particle layers are accumulated upon said fiber matrix, each said metal particle layer including one of said first and second particle types exclusive of the other.

32. (Currently amended) The method as recited in Claim 18, wherein said metal particles are separated by gasification and ionization prior to attachment to said fiber matrix, said metal particles each being in composition a compound including at least one metallic component.

33. (Currently amended) The method as recited in Claim 18, wherein said metal particles include a ceramic component.